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2 **ABSTRACT OF THE DISCLOSURE**

3 A translator-compiler for converting legacy architecture. In the area of
4 management software or distributed management software, a standard architecture is
5 evolving from legacy or proprietary architecture, and the standard embraces CIM/XML
6 (Common Information Model/eXtensible Markup Language) computer language. Many
7 vendors have developed proprietary languages for their respective management products
8 that are incompatible with such standard. To accomplish compatibility between standard
9 architecture and various different proprietary architectures, a substantial amount of code
10 must be written at great effort and expense, unless an automatic, easily-applied and
11 universal solution can be achieved. A translator-compiler is disclosed which meets these
12 solution criteria and therefore solves this incompatibility problem. Flowcharts depicting
13 algorithms along with sample input and output code in C++, as well as an example of the
14 final XML result are also disclosed. Particular detail is disclosed with regard to storage
15 management software aspects, although embodiments of the present invention are also
16 operable with printer, server and other functional-component management software.